

Title (en)

A method and installation for anaerobic fermentation of liquid manure.

Title (de)

Verfahren und Vorrichtung für die anaerobe Gärung von Jauche.

Title (fr)

Procédé et installation pour la fermentation anaérobie de purin.

Publication

**EP 0062388 A1 19821013 (EN)**

Application

**EP 82200413 A 19820401**

Priority

NL 8101682 A 19810403

Abstract (en)

A method an installation for anaerobic fermentation of a liquid suspension of an organic substance and the production of methane gas therefrom, comprises a continuous circulation of supplied substance mixed with active sludge in a treatment chamber composed of two concentric vessels (16, 17). The inner vessel (16) is filled with contact elements and constitutes an upflow reactor with a bottom inlet for the mixture which flows over the open upper edge of this vessel (16) into the outer vessel (17) constituting a down-stream reactor. A pump (31) maintains the circulation of the mixture and a heat-exchanger (40) keeps the temperature at an appropriate level. The produced methane gas is discharged at the top (23) of the treatment chamber.

IPC 1-7

**C02F 3/28**; **A01C 3/02**

IPC 8 full level

**A01C 3/02** (2006.01); **C02F 3/28** (2006.01); **C12M 1/107** (2006.01)

CPC (source: EP)

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Citation (search report)

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